



NORTH STAR SHIPPING

A Member of the Craig Group

Offshore Support Vessels and Standby Vessel Operators
Fishing Vessel Operators, Ship Managers
Rescue Craft & Life Saving Equipment



Name.	GRAMPIAN DEFENDER
Design.	Sentinel Class ERRV
Class / Type	DNV 1A1 SF EO
	UKOOA Class B ERRV
Call Sign.	ZIUB9
IMO No.	9235323
MMSI No.	235526000
Built / Yard	2002 VIBORG, Russia & Poland
Mob Phone	0044 (0) 7834 656185
Sat Phone	00 871 323 592 290
Sat Fax	00 871 323 592 291
Email	grampian.defender@gtships.com
Port of Registry	Aberdeen, Scotland

Dimensions		Rescue & Emergency Response Equipment	
LOA	47.10 metres	Daughter Craft Davit # 1	N/A
LBP	40.50 metres (approx)	Daughter Craft	N/A
Breadth Moulded	11.0 metres	Fast Rescue Craft Davit # 1	Hydralift Heave dampened Davit
Draft Loaded / Depth	6.3 metres	Fast Rescue Craft	Norsafe NDA 40 - 15 Man (Diesel waterjet)
Tonnage		Fast Rescue Craft Davit # 2	Hydralift Heave dampened Davit
GRT	830 Tonnes	Fast Rescue Craft	Norsafe NDA 40 - 15 Man (Diesel waterjet)
NRT	249 Tonnes	Dacon Scoop	7 Metre Dacon Scoop
DWT	564 Tonnes	Dacon Rescue Crane	3.55t @ 9m
Capacities & Cranes		Cosalt Rescue Basket	Fitted & Launched from aft deck
Fuel Oil (MGO) / Connection	490 m ³	Jason Cradles Frames	Fitted
Fresh Water / Connection	190 m ³	Winch Area	Located on Aft Main Deck
Ballast Water	Approx 350 m ³	Emer. Towing Capability	Towing Hook Fitted
Oil Based Mud / Connection	N/A	Dispersant Tanks	2 x 5 Tonne Tanks
Brine / Connection	N/A	Dispersant Spray Booms	Fully outfitted Port & Starboard
DMA (Base Fluid) / Connection	N/A	Searchlights	Fitted
Dry Bulk(s) / Connection	N/A	Navigation and Communication Equipment	
Deck Area	Approx 120 m ² (wood sheathed deck)	Radar(s) (Fwd)	Bridgemaster ARPA (S) Bridgemaster (X)
Deck Loading	2 Tonnes per metre ²	Radar Rptr (Aft)	N/A
Deck Crane # 1	3.55T @ 9 Metres	ECDIS	N/A
Deck Crane # 2	N/A	PLB System	N/A
Deck Crane # 3	N/A	DGPS(s)	2 x Litton LM 420
Winch	N/A	Gyro(s)	Sperry SR 180
Wire Reel	N/A	Autopilot	Litton
Deck Tuggers	N/A	Magnetic Comp	Fitted
Engines / Thrusters / Aux		Echo Sounder	Sperry ES 5000
Main Engine(s)	2 x CAT 3512 units @ 1215 BHP each	Digital Depth Recorder	N/A
Propeller(s)	2 x FPP Azimuths (fwd)	Navtex	Fitted
Bow Thruster(s)	As above	Sat Comms	Inmarsat C Felcon, Fleet 77 CapSat (A3)
Stern Thruster(s)	1 x Stern Azimuthing unit (Elec)	MF/HF Radio	Fully fitted (A3)
Rudder Systems / Type	N/A (vessel outfitted with 3 x Azimuths)	UHF	3 x UHF Units
Aux Engines	2 x Cat 3408 (307 kW per unit)	VHF (Fwd)	1 x Sperry RJ4822 VHF, ICOM ICM 401E
Shaft PTO's	N/A	VHF (Aft)	1 x Sperry RJ4822 VHF, ICOM ICM 401E
Emergency Generators	1 x Cat 3304	Helo Radio	ICOM IC A110
		AIS	Jotrun AIS TR 2500
Control Systems and Dynamic Positioning		VHF Direction Finder	Taiyo TDL 1550
Control Positions	Fwd, Aft consoles	Doppler Log	Furuno DS 80
Full Manual Control	Fwd & Aft consoles	SSAS	Furuno Felcom
Integrated Joystick Control	N/A	Portable VHF	3 x Jotrun GMDSS
Joystick Control	N/A	Portable VHF	6 x ENTEL HT 640 VHF
Dynamic Positioning System	N/A	Portable UHF	3 x ENTEL HT 880 UHF
Fan Beam Laser	N/A	Portable UHF	2 x Kenwood UHF
DGPS # 1	N/A	Sonic Helmets	4 x Sonic Helmets Mk 10
DGPS # 2	N/A	Smartpatch Phone	ICOM PS1
Hydro Acoustic Pos Ref # 1	N/A	Crew Facilities	
Hydro Acoustic Pos Ref # 2	N/A	Crew Cabins	12 Man Single Berth cabins c/w en suite facilites
Vertical Taut Wire	N/A	Recreation & Leisure	1 Messroom
		Leisure	